

IN THE CLAIMS:

Please substitute the following claims for the pending claims with the same number:

1 1. (Amended) A method for protecting digital images from being copied from a
2 video RAM, comprising [the steps of]:
3 transmitting stored pixel data from a computer memory to a video
4 RAM;
5 identifying protected pixel data within the stored pixel data;
6 modifying the stored pixel data prior to its being received by the
7 video RAM, thereby generating modified pixel data within which individual pixel
8 datum is recognizable as being protected or unprotected; and
9 [in response to pixel data being copied] after an instruction to copy
10 pixel data from the video RAM is received, replacing individual pixel datum [copied
11 from the video RAM], that is recognized as being protected, with substitute pixel
12 datum.

1 2. (Amended) The method of claim 1 wherein said modifying [step] sets least
2 significant bits of pixel data, and whereby pixel data is recognized as being protected
3 or unprotected based on values of the least significant bits that are set.

1 3. (Amended) The method of claim 2 wherein pixel data includes red, green and
2 blue color components, and wherein said modifying [step] sets the least significant
3 bits of the blue color components within pixel data.

1 4. (Amended) The method of claim 1 further comprising [the step of] [displaying]
2 rendering pixel data in the video RAM on a video display device.

1 5. (Amended) The method of claim 4 wherein said modifying [step] generates
2 modified pixel data that [appears substantially] is visually similar to the stored pixel
3 data, when rendered on the video display device.

1 6. (Original) The method of claim 1 wherein the pixel data is copied from the
2 video RAM by a screen capture command.

1 7. (Original) The method of claim 1 wherein the pixel data is copied from the
2 video RAM by a command to copy screen data to a clipboard.

1 8. (Original) The method of claim 1 wherein the protected pixel data is pixel data
2 for at least one protected digital image.

1 9. (Amended) The method of claim 8 further comprising [the step of] downloading
2 the at least one protected image over the Internet.

1 10. (Original) The method of claim 1 wherein the substitute pixel datum is
2 encrypted pixel datum.

1 11. (Amended) The method of claim 10 further comprising [the step of] decoding
2 encrypted pixel data.

1 12. (Original) The method of claim 1 wherein the stored pixel data is encrypted
2 stored pixel data.

1 13. (Amended) The method of claim 12 further comprising [the step of] decoding
2 encrypted stored pixel data.

1 14. (Amended) A system for protecting digital images from being copied from a
2 video RAM, comprising:

3 a first data bus in which stored pixel data is transmitted from a
4 computer memory to a video RAM;

5 a second data bus[,] in which pixel data is copied from the video
6 RAM to a computer memory;

7 a digital filter identifying protected pixel data within the stored pixel
8 data, and modifying the stored pixel data prior to its arrival at the video RAM on the
9 first data bus, thereby generating modified pixel data within which individual pixel
10 datum is recognizable as being protected or unprotected; and

11 a pixel processor replacing individual pixel datum [copied from the
12 video RAM], that is recognized as being protected, with substitute pixel datum, after
13 an instruction to copy pixel data from the video RAM is received.

1 15. (Original) The system of claim 14 wherein said digital filter sets least
2 significant bits of pixel data, and whereby pixel data is recognized as being protected
3 or unprotected based on values of the least significant bits that are set

1 16. (Original) The system of claim 15 wherein pixel data includes red, green and
2 blue color components, and wherein said digital filter sets the least significant bits of
3 the blue color components within pixel data.

1 17. (Amended) The system of claim 14 further comprising a video display device
2 for [displaying] rendering pixel data in the video RAM.

1 18. (Amended) The system of claim 17 wherein said digital filter generates modified
2 pixel data that [appears substantially] is visually similar to the stored pixel data, when
3 rendered on the video display device.

1 19. (Original) The system of claim 14 wherein said first data bus and said second
2 data bus are distinct data busses.

1 20. (Original) The system of claim 14 wherein said first data bus and said second
2 data bus are the same data bus.

1 21. (Original) The system of claim 14 wherein the protected pixel data is pixel data
2 for at least one protected digital image.

1 22. (Original) The system of claim 21 further comprising a receiver downloading
2 the at least one protected image over the Internet.

1 23. (Original) The system of claim 14 wherein the substitute pixel datum is
2 encrypted pixel datum.

1 24. (Original) The system of claim 23 further comprising a digital decoder
2 decoding encrypted pixel data.

1 25. (Original) The system of claim 14 wherein the stored pixel data is encrypted
2 stored pixel data.

1 26. (Original) The system of claim 25 further comprising a digital decoder
2 decoding encrypted stored pixel data.

1 27. (Amended) A method for protecting digital images from being copied from a
2 video RAM, comprising [the steps of]:

3 transmitting stored pixel data from a computer memory to a video
4 RAM;

5 identifying protected pixel data within the stored pixel data; and

6 modifying the stored pixel data prior to its being received by the
7 video RAM, thereby generating modified pixel data within which individual pixel
8 datum is recognizable as being protected or unprotected.

1 28. (Amended) The method of claim 27 wherein said modifying [step] sets least
2 significant bits of pixel data, and whereby pixel data is recognized as being protected
3 or unprotected based on values of the least significant bits that are set.

1 29. (Amended) The method of claim 28 wherein pixel data includes red, green and
2 blue color components, and wherein said modifying [step] sets the least significant
3 bits of the blue color components within pixel data.

1 30. (Amended) The method of claim 27 further comprising [the step of] [displaying]
2 rendering pixel data in the video RAM on a video display device.

1 31. (Amended) The method of claim 30 wherein said modifying [step] generates
2 modified pixel data that [appears substantially] is visually similar to the stored pixel
3 data, when rendered on the video display device.

1 32. (Original) The method of claim 27 wherein the protected pixel data is pixel
2 data for at least one protected digital image.

1 33. (Amended) The method of claim 32 further comprising [the step of]
2 downloading the at least one protected image over the Internet.

1 34. (Original) The method of claim 27 wherein the stored pixel data is encrypted
2 stored pixel data.

1 35. (Amended) The method of claim 34 further comprising [the step of] decoding
2 encrypted stored pixel data.

1 36. (Amended) A system for protecting digital images from being copied from a
2 video RAM, comprising:

3 a data bus in which stored pixel data is transmitted from a computer
4 memory to a video RAM; and

5 a digital filter identifying protected pixel data within the stored pixel
6 data, and modifying the stored pixel data prior to its arrival at the video RAM on the
7 data bus, thereby generating modified pixel data within which individual pixel datum
8 is recognizable as being protected or unprotected.

1 37. (Original) The system of claim 36 wherein said digital filter sets least
2 significant bits of pixel data, and whereby pixel data is recognized as being protected
3 or unprotected based on values of the least significant bit that are set.

1 38. (Original) The system of claim 37 wherein pixel data includes red, green and
2 blue color components, and wherein said digital filter sets the least significant bits of
3 the blue color components within pixel data.

1 39. (Amended) The system of claim 36 further comprising a video display device
2 for [displaying] rendering pixel data in the video RAM.

1 40. (Amended) The system of claim 39 wherein said digital filter generates modified
2 pixel data that [appears substantially] is visually similar to the stored pixel data, when
3 rendered on the video display device.

1 41. (Original) The system of claim 36 wherein the protected pixel data is pixel data
2 for at least one protected digital image.

1 42. (Original) The system of claim 41 further comprising a receiver downloading
2 the at least one protected image over the Internet.

1 43. (Original) The system of claim 36 wherein the stored pixel data is encrypted
2 stored pixel data.

1 44. (Original) The system of claim 43 further comprising a digital decoder
2 decoding encrypted stored pixel data.

1 45. (Amended) A method for protecting pixel data [captured from] located in a
2 video RAM from being copied, [the pixel data being such that individual pixel datum
3 is recognizable as being protected or unprotected,] comprising [the step of]:

4 providing pixel data within a video RAM, the pixel data being
5 marked such that individual pixel datum is recognizable as being protected or
6 unprotected; and

7 replacing individual pixel datum [copied from the video RAM], that
8 is recognized as being protected, with substitute pixel datum, [in response to pixel
9 data being copied] after an instruction to copy pixel data from the video RAM is
10 received.

1 46. (Original) The method of claim 45 wherein the pixel data is copied from the
2 video RAM by a screen capture command.

1 47. (Original) The method of claim 45 wherein the pixel data is copied from the
2 video RAM by copying screen data to a clipboard.

1 48. (Original) The method of claim 45 wherein the substitute pixel datum is
2 encrypted pixel datum.

1 49. (Amended) The method of claim 48 further comprising [the step of] decoding
2 encrypted pixel data.

1 50. (Amended) A system for protecting pixel data [captured from] stored in a video
2 RAM from being copied, [the pixel data being such that individual pixel datum is
3 recognizable as being protected or unprotected,] comprising:

4 a video RAM storing pixel data that is marked such that individual
5 pixel datum is recognizable as being protected or unprotected;

6 a data bus, in which pixel data is copied from the video RAM to a
7 computer memory; and

8 a pixel processor replacing individual pixel datum [copied from the
9 video RAM], that is recognized as being protected, with substitute pixel datum, after
10 an instruction to copy pixel data from the video RAM is received.

1 51. (Original) The system of claim 50 wherein the substitute pixel datum is
2 encrypted pixel datum.

1 52. (Original) The system of claim 51 further comprising a digital decoder
2 decoding encrypted pixel data.

1 53. (Amended) A method for protecting digital images from being copied from a
2 video RAM, comprising [the steps of]:

3 modifying protected pixel data so as to mark it as being protected;

4 thereafter transmitting stored pixel data including the modified
5 protected pixel data from a computer memory to a video RAM; and

6 [in response to pixel data being copied] after an instruction to copy
7 pixel data from the video RAM is received, replacing individual pixel datum [copied
8 from the video RAM], that is marked as being protected, with substitute pixel datum.

1 54. (Amended) The method of claim 53 wherein said modifying [step] sets least
2 significant bits of pixel data, and whereby pixel data is recognized as being marked
3 based on values of the least significant bits that are set.

1 55. (Amended) The method of claim 54 wherein pixel data includes red, green and
2 blue color components, and wherein said modifying [step] sets the least significant
3 bits of the blue color components of protected pixel data.

1 56. (Amended) The method of claim 53 further comprising [the step of] [displaying]
2 rendering pixel data in the video RAM on a video display device.

1 57. (Amended) The method of claim 56 wherein said modifying [step] generates
2 modified protected pixel data that [appears substantially] is visually similar to the
3 protected pixel data, when rendered on the video display device.

1 58. (Original) The method of claim 53 wherein the pixel data is copied from the
2 video RAM by a screen capture command.

1 59. (Original) The method of claim 53 wherein the pixel data is copied from the
2 video RAM by a command to copy screen data to a clipboard.

1 60. (Original) The method of claim 53 wherein the protected pixel data is pixel
2 data for at least one protected digital image.

1 61. (Amended) The method of claim 60 further comprising [the step of]
2 downloading the at least one protected image over the Internet.

1 62. (Original) The method of claim 53 wherein the substitute pixel datum is
2 encrypted pixel datum.

1 63. (Amended) The method of claim 62 further comprising [the step of] decoding
2 encrypted pixel data.

1 64. (Original) The method of claim 53 wherein the protected pixel data is
2 encrypted protected pixel data.

1 65. (Amended) The method of claim 64 further comprising [the step of] decoding
2 encrypted protected pixel data.

1 66. (Amended) A system for protecting digital images from being copied from a
2 video RAM, comprising:

3 a first pixel processor modifying protected pixel data so as to mark it
4 as being protected;

5 a first data bus in which stored pixel data including the modified
6 protected pixel data is transmitted from a computer memory to a video RAM;

7 a second data bus, in which pixel data is copied from the video
8 RAM to a computer memory; and

9 a second pixel processor replacing individual pixel datum [copied
10 from the video RAM], that is marked as being protected, with substitute pixel datum,
11 after an instruction to copy pixel data from the video RAM is received.

1 67. (Original) The system of claim 66 wherein said first pixel processor sets least
2 significant bits of protected pixel data, and whereby pixel data is recognized as being
3 marked based on values of the least significant bits that are set.

1 68. (Original) The system of claim 67 wherein pixel data includes red, green and
2 blue color components, and wherein said first pixel processor sets the least significant
3 bits of the blue color components within pixel data.

1 69. (Amended) The system of claim 66 further comprising a video display device
2 for [displaying] rendering pixel data in the video RAM.

1 70. (Amended) The system of claim 69 wherein said first pixel processor generates
2 modified protected pixel data that [appears substantially] is visually similar to the
3 protected pixel data, when rendered on the video display device.

1 71. (Original) The system of claim 66 wherein said first data bus and said second
2 data bus are distinct data busses.

1 72. (Original) The system of claim 66 wherein said first data bus and said second
2 data bus are the same data bus.

1 73. (Original) The system of claim 66 wherein said first pixel processor and said
2 second pixel processor are distinct processors.

1 74. (Original) The system of claim 66 wherein said first pixel processor and said
2 second pixel processor are the same processors.

1 75. (Original) The system of claim 66 wherein the protected pixel data is pixel data
2 for at least one protected digital image.

1 76. (Original) The system of claim 75 further comprising a receiver downloading
2 the at least one protected image over the Internet.

1 77. (Original) The system of claim 66 wherein the substitute pixel datum is
2 encrypted pixel datum.

1 78. (Original) The system of claim 77 further comprising a digital decoder
2 decoding encrypted pixel data.

1 79. (Original) The system of claim 66 wherein the stored pixel data is encrypted
2 stored pixel data.

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